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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/560,723	Richard Einstein	3665-166

INTERNATIONAL APPLICATION NO.

PCT/IB04/02394

LA. FILING DATE	PRIORITY DATE
06/25/2004	06/26/2003

23117  
NIXON & VANDERHYE, PC  
901 NORTH GLEBE ROAD, 11TH FLOOR  
ARLINGTON, VA 22203

CONFIRMATION NO. 5102

371 ACCEPTANCE LETTER



\*OC000000018085243\*

Date Mailed: 02/23/2006

## NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

12/15/2005

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and  
(c)(4) REQUIREMENTS

12/15/2005

DATE OF COMPLETION OF ALL 35 U.S.C. 371  
REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 12/15/2005
- Copy of the International Search Report filed on 12/15/2005
- Preliminary Amendments filed on 12/15/2005
- Information Disclosure Statements filed on 12/15/2005
- Biochemical Sequence Diskette filed on 12/15/2005
- Oath or Declaration filed on 12/15/2005
- Biochemical Sequence Listing filed on 12/15/2005
- Request for Immediate Examination filed on 12/15/2005
- U.S. Basic National Fees filed on 12/15/2005
- Priority Documents filed on 12/15/2005
- Specification filed on 12/15/2005

- Claims filed on 12/15/2005
- Abstracts filed on 12/15/2005
- Drawings filed on 12/15/2005
- Paper nucleotide sequence listings filed on 12/15/2005

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Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

---

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 3 - OFFICE COPY

FORM PCT/DO/EQ/903 (371 Acceptance Notice)



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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Address COMMISSIONER FOR PATENTS  
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/560,723	Richard Einstein	3665-166

INTERNATIONAL APPLICATION NO.
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PCT/IB04/02394

I.A. FILING DATE	PRIORITY DATE
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06/25/2004

06/26/2003

23117

NIXON & VANDERHYE, PC  
901 NORTH GLEBE ROAD, 11TH FLOOR  
ARLINGTON, VA 22203

CONFIRMATION NO. 5102

371 FORMALITIES LETTER



\*OC00000018030507\*

Date Mailed: 02/16/2006

**NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS  
CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/560,723	PCT/IB04/02394	3665-166

FORM PCT/DO/EO/922 (371 Formalities Notice)

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/560, 723

Source: PCT

Date Processed by STIC: 12/27/2005

# ***ENTERED***



PCT

## RAW SEQUENCE LISTING

DATE: 12/27/2005

PATENT APPLICATION: US/10/560,723

TIME: 09:31:03

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\12272005\J560723.raw

5 &lt;110&gt; APPLICANT: EXONHIT THERAPEUTICALS

9 &lt;120&gt; TITLE OF INVENTION: PROSTATE SPECIFIC GENES AND THE USE THEREOF AS TARGETS FOR

PROSTATE

10 CANCER THERAPY AND DIAGNOSIS

14 &lt;130&gt; FILE REFERENCE: B0213WO

C--&gt; 18 &lt;140&gt; CURRENT APPLICATION NUMBER: US/10/560,723

C--&gt; 18 &lt;141&gt; CURRENT FILING DATE: 2005-12-15

18 &lt;160&gt; NUMBER OF SEQ ID NOS: 185

22 &lt;170&gt; SOFTWARE: PatentIn version 3.1

26 &lt;210&gt; SEQ ID NO: 1

28 &lt;211&gt; LENGTH: 151

30 &lt;212&gt; TYPE: DNA

32 &lt;213&gt; ORGANISM: Homo sapiens

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41 ttctccactc tgccttctgt gcctcccggc c 151

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46 &lt;211&gt; LENGTH: 138

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50 &lt;213&gt; ORGANISM: Homo sapiens

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57 ttgtccttcc tacatatgct cctttgtctag cactccacc tgaatgcatc cctatgatcc 120

59 ttccaccttc cctgtctcc 138

62 &lt;210&gt; SEQ ID NO: 3

64 &lt;211&gt; LENGTH: 459

66 &lt;212&gt; TYPE: DNA

68 &lt;213&gt; ORGANISM: Homo sapiens

72 &lt;400&gt; SEQUENCE: 3

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77 ttgacaagta tctcgagaca cctgggggatg agaatgaaca tgcccatttc cagaaagcca 180

79 aagagagcct tgaggccaag caccgagaga gaatgtccca ggcatgaga gaatgggaag 240

81 aggcagaaag tcaagcaaaag aacttgccta aagctgataa gaaggcgatt atccagcatt 300

83 tccaggagaa agtggaaatc ttggaacagg aagcagccaa cgagagacag cagctgggtg 360

85 agacacacat gccacagagt gaagccatgc tcaatgaccg ccgcgcctg gccctggaga 420

87 actacatcac cgtctctcag gctgttctcc ctcccgcc 459

90 &lt;210&gt; SEQ ID NO: 4

92 &lt;211&gt; LENGTH: 562

94 &lt;212&gt; TYPE: DNA

96 &lt;213&gt; ORGANISM: Homo sapiens

100 &lt;400&gt; SEQUENCE: 4

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(p9-6)

RAW SEQUENCE LISTING                      DATE: 12/27/2005  
 PATENT APPLICATION: US/10/560,723              TIME: 09:31:03

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107 ccgtgatata agatcttaaca ggttccactg catagagctg ttgtgaggat gacaagagat 240
109 cactaacact gtaaacctctc aatccacagc ctccacataa ctgggtctca agacatgcc 300
111 tctctctctt cctctgcact tcttcatgtg tttaaggagg aatgtgggga ggggtctatg 360
113 taaaataggg gactacaggt atcagactga accaatccta cttgttgaa tttatctact 420
115 ggatggccaa ggttataagg aacaccacca ccttctcatg ccctggggtg ccctagagaa 480
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137 agaagtgagg aatggatttg ggggtggcat ctgacagact ttgccacct gccctcccca 180
139 atccttaatg aggccactga acgcaccacc cccactcccc acccaactc caacccccac 240
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143 ttgttaggca aaatcaggct tcctttgg 328
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159 tttaatatat agtaatgact gttaatatag tatatactat gctattcact aatgctgtaa 120
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181 ctgctccatg ccggccttgc atggggcggg tcacttctg gcccceaaaag gtccactggc 240
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## RAW SEQUENCE LISTING

DATE: 12/27/2005

PATENT APPLICATION: US/10/560,723

TIME: 09:31:03

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225 actgcactcc agcctggtga aagagtgata cctgttttc ataagaaaaa aataacaaaa 180
227 acaaaaacaa gaaaggagag agttggctaa gctttatcac ctttggggtg ttggaacccc 240
229 tacttgatcc ttactctaaag tacttcttgg gcatccagtg aggttcagtg tgtattgaga 300
231 ggatgggtgag gatggcagcc aggcgtggga tctgtattca agaagaagct gccccactcg 360
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259 gtgcggatgg ggaacaagg catgggctgg ggatgactta aggggtataa aatgttggcg 360
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283 gtgtgggtgg ctgcg
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292 <213> ORGANISM: Homo sapiens
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301 caggtctctg accggatcaa aggtcactg ctgccccggc ctggccacaa ctttgtgcgg 180
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## RAW SEQUENCE LISTING

DATE: 12/27/2005

PATENT APPLICATION: US/10/560,723

TIME: 09:31:03

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365 gacactttgt gggaaattca cagaccatca aagataaggg aaaaacctca tgggctacag      180
367 cagaaaagag acccatctca cacaagaac aagttcacaa tatgagacag agccacgac      240
369 agaggatgac tgctatgacc tgacgacggg gaagtgtctt gttctctggt aagccgctc      300
371 taaagatggc caaagacatg gtttttctca ggtttgaggt gcactacttc agggttcctg      360
373 cttacctctc gctcgttctc tggccctcat tgtgaccatg cttactctc ccatcctgtg      420
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381 <213> ORGANISM: Homo sapiens
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## RAW SEQUENCE LISTING

DATE: 12/27/2005

PATENT APPLICATION: US/10/560,723

TIME: 09:31:03

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Output Set : N:\CRF4\12272005\J560723.raw

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451 aagagtgggt gccta 195
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469 gtattagggt gtgttgtata tatatgttta tatatgtgtg tgtttatgta taagtatata 180
471 tgtgataaga gtttataatc ctatatagag acagatgtat taaaatggat ttttttttt 240
473 tgagacagag ctttactctg tcatcaaaagc tggagtgcag tgggtgcaatc taggctcaca 300
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511 aaatggagaa tccacaaaat aactttccca aggattataa cgtctgaac ttcaattggg 180
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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 12/27/2005  
PATENT APPLICATION:    US/10/560,723      TIME: 09:31:04

Input Set : A:\PTO.RJ.txt  
Output Set: N:\CRF4\12272005\J560723.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:65; N Pos. 364  
Seq#:104; N Pos. 464  
Seq#:107; N Pos. 98  
Seq#:129; N Pos. 380  
Seq#:144; N Pos. 462  
Seq#:164; N Pos. 204

## VERIFICATION SUMMARY

DATE: 12/27/2005

PATENT APPLICATION: US/10/560,723

TIME: 09:31:04

Input Set : A:\PTO.RJ.txt

Output Set: N:\CRF4\12272005\J560723.raw

L:18 M:270 C: Current Application Number differs, Replaced Current Application No  
L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
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L:4227 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:420  
L:4313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:107 after pos.:60  
L:4843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:129 after pos.:360  
L:5647 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144 after pos.:420  
L:6357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:164 after pos.:180